

10/587437

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Dated: July 25, 2006

Signature:

Germaine Sarda
(Germaine Sarda)

AP20 Rec'd PCT 15 26 JUL 2006

Patent

Docket No. 397272001500

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Vladimir SLEPUSHKIN et al.

Application No.: Not Yet Assigned

Filed: Concurrently Herewith

International Application No.: PCT/US2006/019709

Confirmation No.: N/A

International Filing Date: May 22, 2006

Art Unit: Not Yet Assigned

For: TRANSDUCTION OF PRIMARY CELLS

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of foreign documents and non-patent literature are submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

- ☒ With the application; accordingly, no fee or separate requirements are required.
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.

- ☐ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of ___ is enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly; no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the amount of ___ is enclosed.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petition and/or other

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fees due in connection with the filing of this document to Deposit Account No. 03-1952
referencing (397272001500).

Dated: July 25, 2006

Respectfully submitted,

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ALTERNATIVE TO PTO/SB/08a/b (07-05)

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				<i>Complete if Known</i>	
				Application Number	Not Yet Assigned 10/587437
				Filing Date	Concurrently Herewith
				First Named Inventor	Vladimir SLEPUSHKIN
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	397272001500

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	US-5,512,421	04/1996	Burns et al.	
	2.	US-5,739,018	04/1998	Miyanochara et al.	
	3.	US-5,814,500	09/1998	Dietx	
	4.	US-5,885,806	03/1999	Dropulic et al.	
	5.	US-6,013,516	01/2000	Verma et al.	
	6.	US-6,060,317	05/2000	Malech	
	7.	US-6,627,442	09/2003	Humeau et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	8.	WO-96/34970	11-07-1996	June et al.		
	9.	WO-02/18609	03-07-2002	Humeau et al.		

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	10.	ANDERSON, Nature (1998) 392:25-28	
	11.	BARRY et al., Human Gene Therapy (2000) 11:323-332	
	12.	CHINNASAMY et al., Blood (2000) 96(4):1309-1316	
	13.	COSTELLO et al., Gene Therapy (2000) 7:596-604	
	14.	DOUGLAS et al., Human Gene Therapy (1999) 10:935-945	
	15.	FOLLENZI et al., Nature Genetics (2000) 25:217-222	
	16.	HAN et al., Blood (2000) 95:1616-1625	
	17.	HAAS et al., Molecular Therapy (2000) 2:71-80	
	18.	HOOIJBERG et al., Blood 92(000) 96:459-466	
	19.	KLEBBA et al., Gene Therapy (2000) 7:408-416	
	20.	KLEIN et al., Gene Therapy (2000) 7:458-463	
	21.	MADDENS et al., Journal of Hematotherapy & Stem Cell Research (2000) 9:225-236	
	22.	MITROPHANOUS et al., Gene Therapy (1999) 6:1808-1818	
	23.	MOVASSAGH et al., Human Gene Therapy (2000) 11:1189-1200	
	24.	MOVASSAGH et al., Human Gene Therapy (1999) 10(2):175-187	
	25.	NALDINI et al., Science (1996) 272:263-267	
	26.	ONODERA et al., Blood (1998) 91:30-36	

Examiner Signature		Date Considered	
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				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	397272001500

	27.	QUINN et al., Human Gene Therapy (1998) 9(10):1457-1467	
	28.	RICHARDSON et al., Gene Therapy (1998) 5:635-644	
	29.	ST. CROIX et al., Science (2000) 289:1197-1202	
	30.	STULL et al., Cytometry (2000) 40:126-134	
	31.	TAKAYAMA et al., Gene Therapy (2000) 7:1265-1273	
	32.	UCHIDA et al., PNAS USA (1998) 95(20):11939-11944	
	33.	UNUTMAZ et al., J. Exp. Med. (1999) 11:1735-1746	
	34.	ZENNOU et al., Cell (2000) 101:173-185	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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